

Title (en)  
DISTAL PROTECTION AND DELIVERY SYSTEM AND METHOD

Title (de)  
DISTALSCHUTZ UND ABGABESYSTEM UND VERFAHREN

Title (fr)  
PROCEDE ET SYSTEME DE PROTECTION DISTALE ET D'APPORT

Publication  
**EP 1330286 A4 20060830 (EN)**

Application  
**EP 01995318 A 20011101**

Priority  
• US 0145697 W 20011101  
• US 70388700 A 20001101

Abstract (en)  
[origin: WO0240090A1] A distal protection and delivery system is used to collect and remove embolic debris in the blood vessel. The system includes a guidewire (5), a filter assembly (10) and a distal introducer (15). The distal introducer (15) can be positioned on a distal end of an introducer catheter or an angioplasty catheter or other interventional catheter. The guidewire (5) has a small ferrule (30) or locking mechanism fixed to it which does not affect the flexibility, torqueability, or trackability in comparison to standard guidewires. The introducer containing the filter assembly (10) is advanced over the guidewire (5) to a site distal to the lesion. Upon retraction of the guidewire (5) proximally, the ferrule (30) latches with an ejector latch (60) of the filter assembly (10). Either advancement of the guidewire (5) distally or retraction of the distal introducer (15) proximally allows the filter assembly (10) to be ejected from the distal introducer (15) and into the blood vessel.

IPC 8 full level  
**A61B 17/22** (2006.01); **A61F 2/01** (2006.01); **A61M 29/00** (2006.01); **A61F 2/00** (2006.01)

CPC (source: EP US)  
**A61F 2/013** (2013.01 - EP US); **A61F 2002/015** (2013.01 - EP US); **A61F 2002/018** (2013.01 - EP US); **A61F 2002/30329** (2013.01 - EP US); **A61F 2220/0025** (2013.01 - EP US); **A61F 2230/0006** (2013.01 - EP US); **A61F 2230/0008** (2013.01 - EP US); **A61F 2230/008** (2013.01 - EP US)

Citation (search report)  
• [X] WO 9944542 A2 19990910 - SCIMED LIFE SYSTEMS INC [US]  
• [PA] WO 0067671 A1 20001116 - SALVIAC LTD [IE], et al  
• [PA] EP 1127556 A2 20010829 - SCION CARDIO VASCULAR INC A FL [US]  
• See references of WO 0240090A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 0240090 A1 20020523**; AU 2584902 A 20020527; EP 1330286 A1 20030730; EP 1330286 A4 20060830; US 2003212434 A1 20031113; US 6616680 B1 20030909; US 7261727 B2 20070828

DOCDB simple family (application)  
**US 0145697 W 20011101**; AU 2584902 A 20011101; EP 01995318 A 20011101; US 45899603 A 20030611; US 70388700 A 20001101